

August 31, 1989

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Frenchman Reservoir Creel Census - 1988

Anglers at Frenchman Reservoir were censused on 15 days between April 30, and November 15, 1988. Both shore and boat anglers were interviewed, with survey effort concentrated at the boat ramp. Surveyors recorded the number of anglers for each party, county of residence, hours fished, number and species of fish caught, and the length (to the nearest 1/2 cm fork length) for each fish.

Frenchman Reservoir is open all year to fishing; however, the creel census was limited to the highest use period. A total of 223 anglers were interviewed. They had fished 774 hours and caught 295 rainbow trout (0.38 per hour), and 9 bass (0.01 per hour). The rainbow trout ranged in length from 13.5 cm to 37 cm (5.3 in to 14.6 in), with a mean length of 29.9 cm (11.8 in). The bass ranged in length from 23.5 cm to 29 cm (9.3 in to 11.4 in).

Boat anglers numbered 120 and had fished 508 hours, catching 228 rainbow trout (0.45 per hour), and 8 bass (0.02 per hour) (Table 1). Mean length of rainbow trout for anglers was 29.5 cm (11.6 in). The mean length for the bass caught was 25.0 (9.4 in) (Appendix I). Boat anglers also reported catching, or catching and releasing 11 rainbow trout.

Shore anglers numbered 103. They had fished 266 hours, catching 67 rainbow trout (0.25 per hour), and 1 bass (Table 2). Mean length of rainbow trout caught by shore anglers was 31.2 cm (12.3 in). Shore anglers also reported catching or catching and releasing 13 rainbow trout and 14 bass.

One hundred and two interviewed anglers had completed their fishing efforts for the day, catching 136 rainbow trout in 386 hours. They fished for an average of 3.8 hours and caught 0.35 trout per hour. Forty-two of these anglers had fished from shore. Averaging 3.1 hours of fishing, they caught 0.28 trout per hour. The 60 boat anglers fished for an average of 4.3 hours and caught 0.38 trout per hour.

Although boat anglers experienced much better fishing than shore anglers, rainbow trout caught by shore anglers were slightly bigger than those caught by boat anglers. About 85 percent of the shore anglers used bait, 10 percent used more than one terminal gear, 3 percent used lures, and only 2 percent used flies.

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Lures made up 44 percent of the boat anglers terminal gear, while 27 percent of them preferred bait. Twenty-six percent used more than one terminal gear, with 3 percent preferring flies.

Anglers came from 19 California counties and from out of State. The out-of-state visitors made up 52 percent, with the majority coming from Nevada and 3 people from Tuscan, Arizona. Thirty percent of the out-of-state anglers were from Sparks, Nevada (Figure 1).



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TABLE 1

FRENCHMAN RESERVOIR, 1988
SUMMARY OF CATCH PER HOUR

BOAT ANGLERS

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Date	ANGLERS	Total Hours Fished	RAINBOW TROUT CAUGHT	CATCH/ HOUR	OTHER FISH CAUGHT
=====					
4-30-88	2	14	10	-	0
4-30-88	1	7	5	-	0
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TOTAL	3	21	15	0.714	0
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5-10-88	1	4.25	4	-	0
5-10-88	2	4	10	-	0
5-10-88	1	4	5	-	0
5-10-88	2	10	10	-	0
5-10-88	3	15	5	-	0
5-10-88	2	13	9	-	0
5-10-88	1	3.5	2	-	0
5-10-88	1	2	2	-	0
5-10-88	2	17	0	-	0
5-10-88	1	10.5	3	-	0
5-10-88	4	22	0	-	0
5-10-88	2	17.5	5	-	0
5-10-88	2	14.5	3	-	0
5-10-88	2	3		-	0
5-10-88	2	7	8	-	0
5-1-88	1	2		-	0
5-5-88	3	10.5	0	-	0
5-5-88	2	8	0	-	0
5-5-88	2	10	9	-	0
5-5-88	1	4	5	-	0
5-5-88	4	18	8	-	0
5-5-88	3	10.5	4	-	0
5-5-88	3	9	0	-	0
5-5-88	4	8	1	-	0
5-5-88	2	2.5	0	-	0
5-5-88	3	3.75	0	-	0
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TOTAL	56	233.5	93	0.398	0

(Table I continued)

7-18-88	2	8	0	-	0
7-19-88	2	7	0	-	0
7-19-88	2	7	1	-	0
7-19-88	2	10	3	-	0
TOTAL	8	32	4	0.125	0
8-15-88	2	9	9	-	0
8-15-88	3	18	6	-	0
8-15-88	2	10	5	-	3
8-15-88	2	7	10	-	1
8-15-88	2	9	10	-	4
8-15-88	4	10	0	-	0
8-15-88	3	4.5	1	-	0
8-15-88	2	14	3	-	0
8-15-88	3	7.5	0	-	0
8-7-88	4	24	11	-	0
TOTAL	27	113	55	-	8
10-28-88	2	3	1	-	0
10-28-88	2	2	2	-	0
10-28-88	2	3	10	-	0
10-28-88	3	15	15	-	0
10-28-88	2	8	10	-	0
10-28-88	2	9	4	-	0
10-28-88	2	13.5	1	-	0
10-30-88	3	15.75	8	-	0
10-30-88	2	11	1	-	0
10-30-88	2	8	4	-	0
10-30-88	2	12	1	-	0
10-30-88	2	8	4	-	0
TOTAL	26	108.25	61	0.564	0
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SEASONAL					
TOTAL	120	507.8	228	0.449	0.016

TABLE 2

FRENCHMAN RESERVOIR, 1988
SUMMARY OF CATCH PER HOUR

SHORE ANGLERS

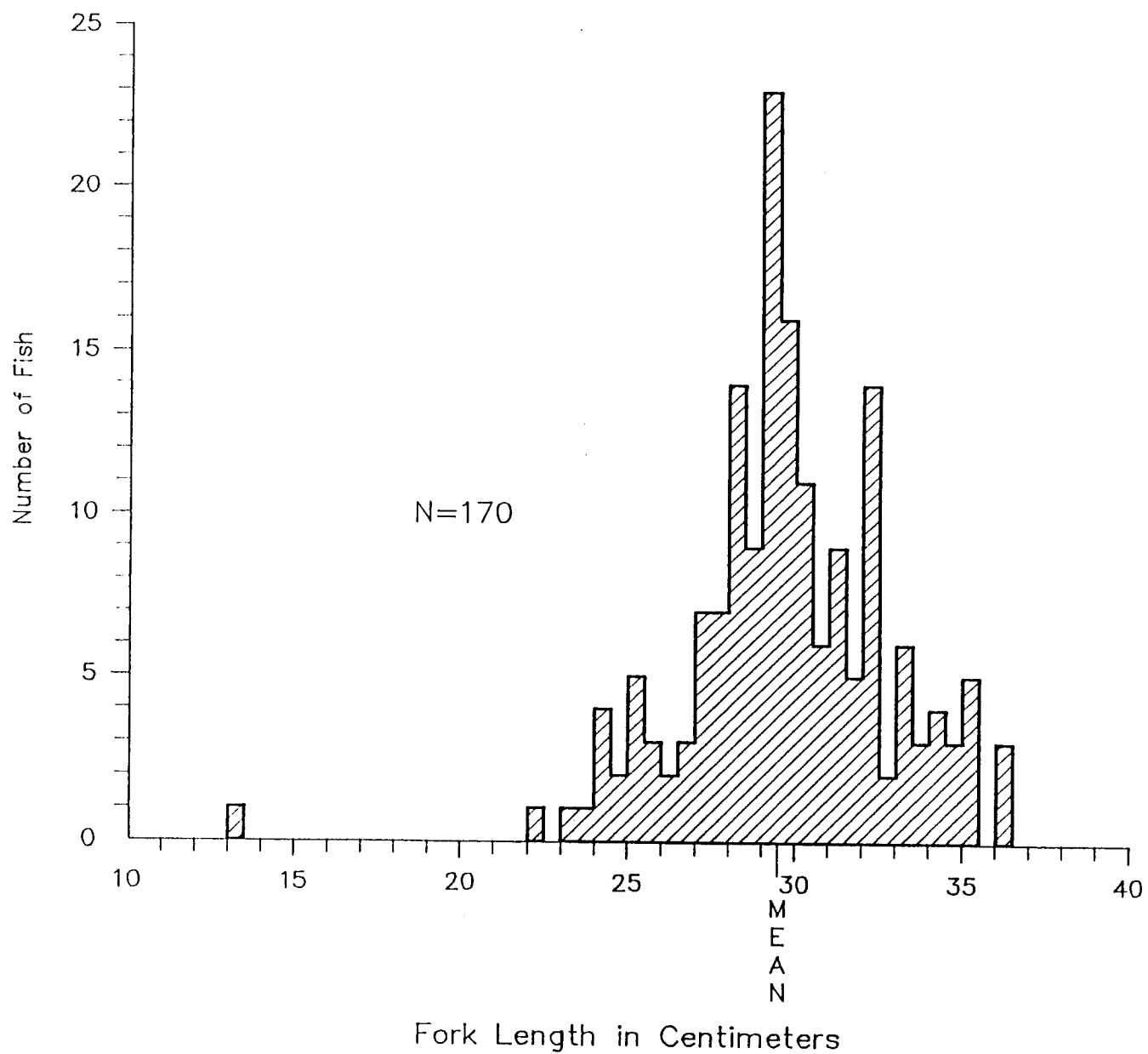
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Date	ANGLERS	Total Hours Fished	RAINBOW TROUT CAUGHT	CATCH/ HOUR	OTHER FISH CAUGHT
4-30-88	2	19	7	-	0
TOTAL	2	19	7	0.368	0
5-10-88	1	2.25	1	-	0
5-10-88	2	6.5	10	-	0
5-30-88	4	11	1	-	0
5-30-88	2	5	0	-	0
5-30-88	2	2	0	-	0
5-30-88	2	9	1	-	0
5-30-88	2	4	0	-	0
5-5-88	2	4.5	0	-	0
5-5-88	2	6	0	-	0
TOTAL	19	50.25	13	0.259	0
6-10-88	2	6	3	-	0
6-10-88	1	2	1	-	0
6-10-88	1	1.75	2	-	0
6-10-88	1	1.5	0	-	0
6-10-88	2	5	8	-	0
6-10-88	1	0.75	0	-	0
6-10-88	2	4	0	-	0
6-10-88	2	5.5	1	-	0
6-10-88	1	2	0	-	0
6-20-88	2	3	0	-	1
6-20-88	3	12	0	-	0
6-20-88	3	9	2	-	0
6-20-88	3	9	0	-	0
6-20-88	2	8	1	-	0
6-20-88	2	10	1	-	0
6-20-88	3	1.5	0	-	0
6-27-88	1	3	0	-	0
TOTAL	32	84	19	0.226	1

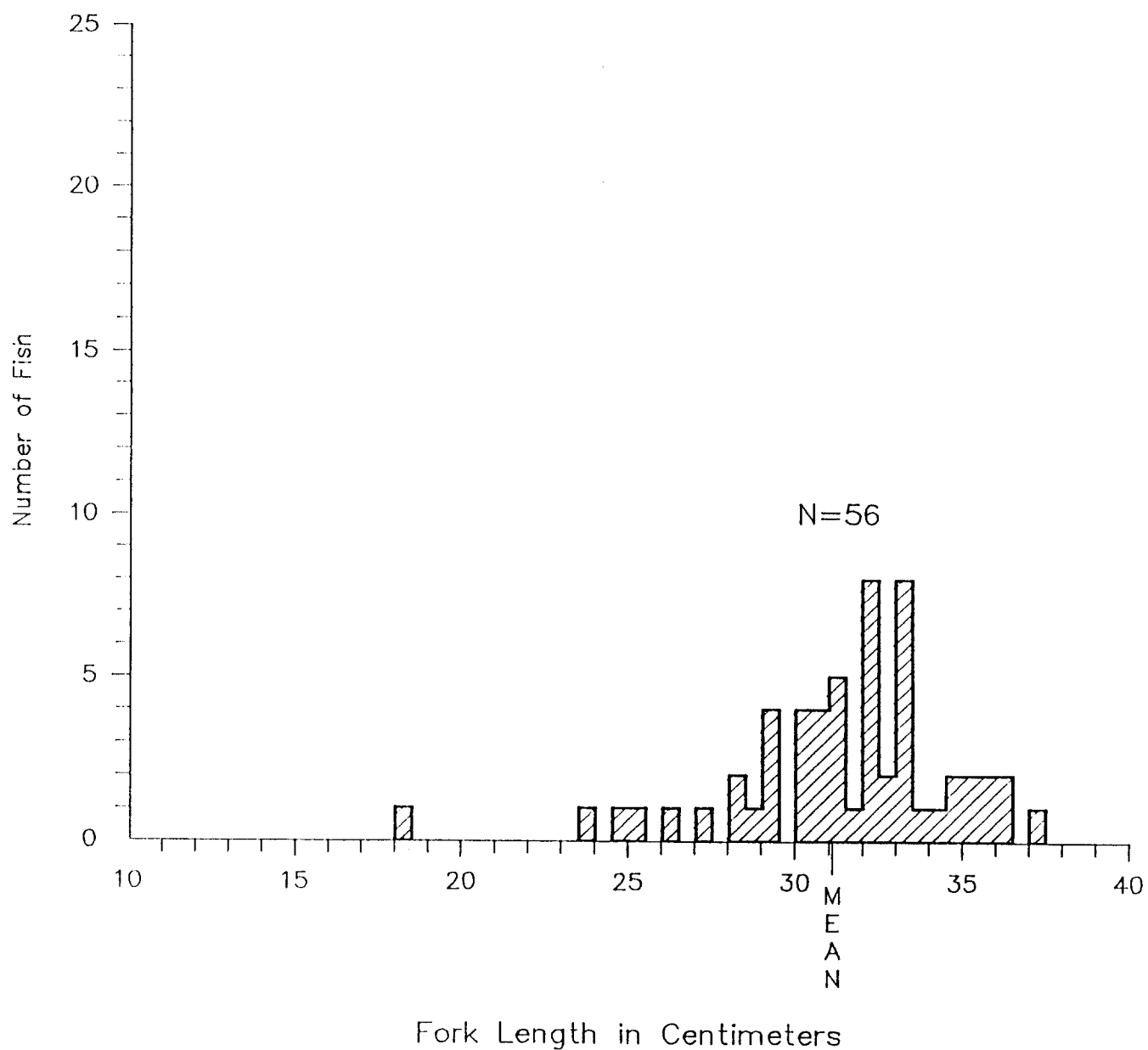
(Table 2 continued)

7-18-88	3	6	0	-	0
7-18-88	3	6	0	-	0
7-19-88	4	6	0	-	0
7-19-88	2	7.5	6	-	0
7-19-88	2	3	0	-	0
TOTAL	14	28.5	6	0.211	0
8-7-88	2	3.5	0	-	0
8-7-88	1	2.5	0	-	0
8-7-88	1	2.75	0	-	0
8-7-88	1	3.75	0	-	0
8-7-88	2	4.5	0	-	0
8-7-88	3	3	0	-	0
8-7-88	2	4	0	-	0
TOTAL	12	24	0	0.000	0
9-10-88	2	7.5	5	-	0
9-10-88	2	4	2	-	0
TOTAL	4	11.5	7	0.609	0
10-28-88	2	2	0	-	0
10-28-88	1	0.5	0	-	0
10-28-88	2	8	3	-	0
10-28-88	1	1.25	2	-	0
10-30-88	3	6.75	1	-	0
10-30-88	1	2.25	2	-	0
10-30-88	3	8.25	1	-	0
10-30-88	1	6	0	-	0
10-30-88	2	2	0	-	0
10-30-88	2	6	2	-	0
10-30-88	2	6	4	-	0
TOTAL	20	49	15	0.306	0
SEASON					
TOTAL	103	266.3	67	0.252	0

Appendix I
Length Frequency of Rainbow Trout
Caught by Boat Anglers, Frenchman Reservoir,
1988



Appendix II
Length Frequency of Rainbow Trout
Caught by Shore Anglers, Frenchman Reservoir,
1988



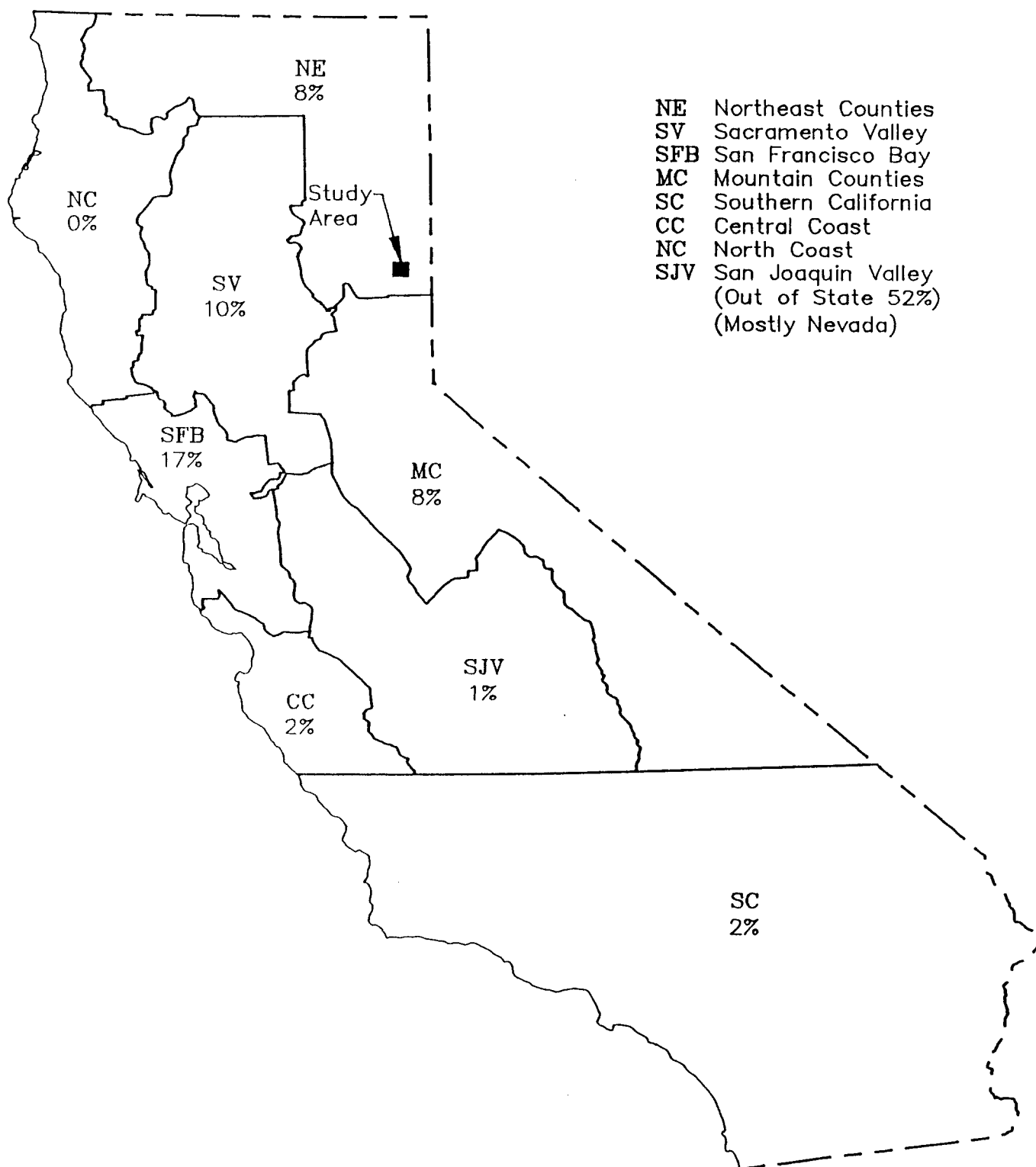


Figure 1 — Frenchman Reservoir Angler Origin by County Groups in 1988